THE UNIVERSITY OF NEW MEXICO

ECE 538
Advanced Computer Architecture

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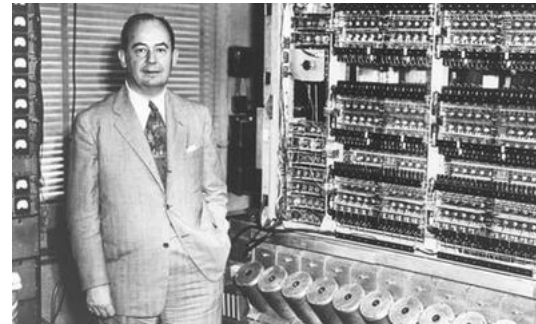
Quiz-1

❑ Q: Who developed the idea of a stored program computer and modern

computer architecture?   (   )

    A.   John Von Neumann

    B.   Bill Gates

    C.   Steve Jobs

    D.   Tim Berners-Lee

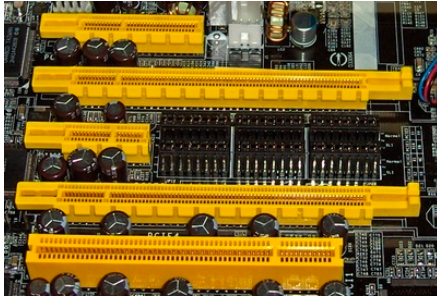❑ Q: What are the two main parts of the processor?   (   )

    A.   RAM & ROM

    B.   RAM & Cache

    C.   Control Unit & Arithmetic Logic Unit
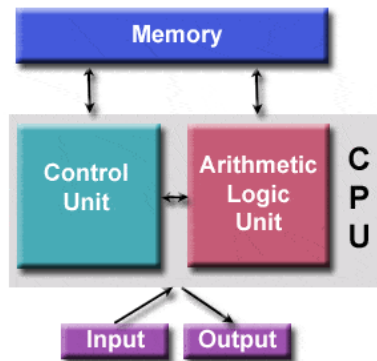
    D.   Control Unit & Cache

QUIZ-1

❑ Q: What connects the processor and memory? (   )

A. Cache

B. Buses

C. NIC

D. Control Unit

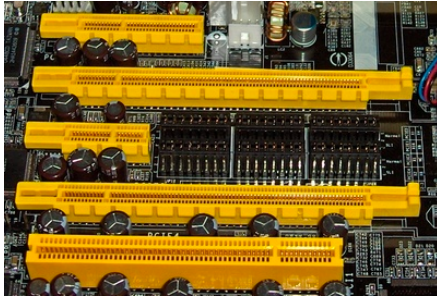❑ Q: What are the 3 parts of the Von Neumann computer architecture? (   )

A. Processor (CU & ALU), Memory Unit & Input/Output

B. Processor, RAM & ROM

C. Processor, RAM & Hard Disk
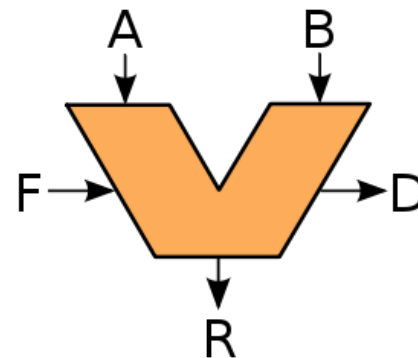
D. Memory (CU & ALU), Hard Disk & Input/Output

Quiz-1

❑   Q: Select an example of an embedded system （   ）

      A.   Smartphone

      B.   Cruise Control

      C.   Laptop
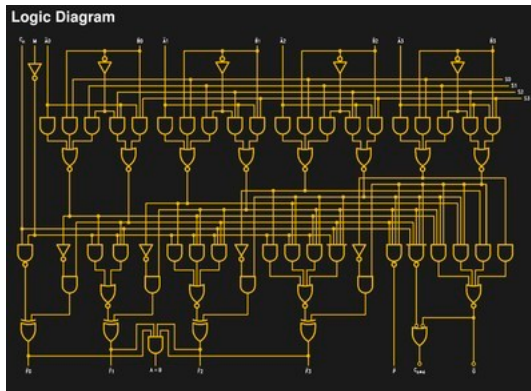
      D. Computer

❑   Q: What does the ALU do? （   ）

      A.   Logic operations

      B.   Nothing

      C.   Delete calculations

      D.   Perform calculations

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QUIZ-1

□ Q: The part of the CPU that performs calculations and logic operations　（　　）

Logic Diagram

A. Register
B. Control Unit
C. Clock
D. Arithmetic/Logic Unit (ALU)

□ Q: Memory used to make up for different speed between 2 internal components.
（　　）

A. RAM
B. NVM
C. Cache
D. Register

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